2020 USC

Notes:

* Preliminary climb assumed to be about 8 m AGL
* Preliminary model used max take off field length and also modelled headwinds as well
* 300 in banner, assume AR = 5

A table with numbers and a few black text

AI-generated content may be incorrect.

A table with text and numbers

AI-generated content may be incorrect.

A table with numbers and a number of objects

AI-generated content may be incorrect.

2020 GIT

A table with text and numbers

AI-generated content may be incorrect.

A table with numbers and text

AI-generated content may be incorrect.

2020 UNLV:

A table with text and numbers

AI-generated content may be incorrect.

A table with numbers and text

AI-generated content may be incorrect.

Banner materials:

2020 USC:

Selected: LPDE and carbon fiber

Considered: lcarex polyester, Kevlar, peel ply, and vacuum bag

2020 UNLV:

Ripstop nylon

Banner deploy and release

2020 USC

2020 GT:

Stowed w/ rubber bands held by pins released by servos. Pin used to release banner string.